

Herein, $\lambda g1$ is the guide wavelength in the MSL A.

Respectfully Submitted,


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LEA/jam

Enclosure: Version with markings to show changes made

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Kathleen Libby

VERSION WITH MARKINGS SHOWING CHANGES MADEIN THE SPECIFICATION:

Specification at page 3, line 20:

~~It is hence an object of the invention to solve problems of the prior art and present a small-sized microwave oscillator excellent in phase noise characteristics and a low-noise converter for receiving satellite signal using the same.~~

~~_____ To achieve the object, the microwave oscillator of the invention is~~ A
microwave oscillator is characterized by the configuration in which MSL A released at one end is connected to the base terminal of a transistor, MSL B is connected to the collector terminal, a DR is disposed closely to the MSL A and MSL B to couple them electromagnetically, and a stabilized oscillation output is obtained by inducing parallel feedback from the collector to the base, and further the center of the DR is set closest to the position at which the distance from the released end on the MSL A is $\lambda g/4$, and HIL is merely connected to this position as a bias supply line to the base terminal, and therefore without using choke circuits which occupied a relatively wide area on the conventional circuit board, a small and stable microwave oscillator having excellent phase noise characteristics may be realized. Herein, λg is the guide wavelength in the MSL A.